

What is Claimed is:

1. A heat dissipating arrangement for a portable computer, comprising at least two heat dissipating members adapted for installing into said portable computer for dissipating heat therefrom, wherein each of said heat dissipating members comprises:

5 a plate body defining a heat dissipating surface and a peripheral edge;

at least a heat guiding channel integrally protruded from said heating dissipating surface of said plate body; and

at least an engaging arm having a narrowed root portion outwardly extended from said peripheral edge of said plate body and an engaging head portion extending  
10 from said root portion, wherein said engaging arm of each of said heat dissipating members is adapted to fold downwardly that said engaging head portion of said engaging arm of said heat dissipating member is substantially engaged with said root portion of said engaging arm of another said dissipating member in such a manner that said heat  
15 dissipating members are communicatively mounted side by side while said heat dissipating surfaces of said heat dissipating members are spaced apart between said heat guiding channel for dissipating said heat from said portable computer.

2. The heat dissipating arrangement, as recited in claim 1, wherein each of said engaging arms, having a Y-shaped, is integrally extended from said peripheral edge of said plate body, wherein said engaging head portion of each of said engaging arms  
20 forms as two engaging wings adapted to engage with said root portion of said another engaging arm so as to substantially mount said heat dissipating members with each other.

3. The heat dissipating arrangement, as recited in claim 2, wherein said two engaging wings are symmetrically identical, wherein each of said engaging wings is bent 90 degrees with respect to said root portion of said engaging arms to engage with said  
25 root portion of another said corresponding engaging arm at said peripheral edge of said plate body.

4. The heat dissipating arrangement, as recited in claim 1, wherein each of said heat dissipating members further comprises a folding arm which is integrally

extended from said peripheral edge of said plate body and is arranged to downwardly fold to overlap on said folding arm of another said heat dissipating member so as to enhance a contacting area between said heat dissipating members for dissipating said heat from said portable computer.

5           5.    The heat dissipating arrangement, as recited in claim 2, wherein each of said heat dissipating members further comprises a folding arm which is integrally extended from said peripheral edge of said plate body and is arranged to downwardly fold to overlap on said folding arm of another said heat dissipating member so as to enhance a contacting area between said heat dissipating members for dissipating said heat from said  
10 portable computer.

          6.    The heat dissipating arrangement, as recited in claim 3, wherein each of said heat dissipating members further comprises a folding arm which is integrally extended from said peripheral edge of said plate body and is arranged to downwardly fold to overlap on said folding arm of another said heat dissipating member so as to enhance a  
15 contacting area between said heat dissipating members for dissipating said heat from said portable computer.

          7.    The heat dissipating arrangement, as recited in claim 4, wherein each of said folding arms is downwardly bent 90 degrees to transversely extended from said heat dissipating surface of said plate body to overlap on said folding arm of another said heat  
20 dissipating member.

          8.    The heat dissipating arrangement, as recited in claim 5, wherein each of said folding arms is downwardly bent 90 degrees to transversely extended from said heat dissipating surface of said plate body to overlap on said folding arm of another said heat dissipating member.

25           9.    The heat dissipating arrangement, as recited in claim 6, wherein each of said folding arms is downwardly bent 90 degrees to transversely extended from said heat dissipating surface of said plate body to overlap on said folding arm of another said heat dissipating member.

          10.   The heat dissipating arrangement, as recited in claim 1, wherein said heat  
30 guiding channels of said heat dissipating members are aligned to form an elongated heat

conducting conduit for communicatively guiding said heat throughout said heat dissipating surfaces of said plate bodies when said heat dissipating members are mounted with each other.

11. The heat dissipating arrangement, as recited in claim 3, wherein said heat  
5 guiding channels of said heat dissipating members are aligned to form an elongated heat conducting conduit for communicatively guiding said heat throughout said heat dissipating surfaces of said plate bodies when said heat dissipating members are mounted with each other.

12. The heat dissipating arrangement, as recited in claim 6, wherein said heat  
10 guiding channels of said heat dissipating members are aligned to form an elongated heat conducting conduit for communicatively guiding said heat throughout said heat dissipating surfaces of said plate bodies when said heat dissipating members are mounted with each other.

13. The heat dissipating arrangement, as recited in claim 9, wherein said heat  
15 guiding channels of said heat dissipating members are aligned to form an elongated heat conducting conduit for communicatively guiding said heat throughout said heat dissipating surfaces of said plate bodies when said heat dissipating members are mounted with each other.